



RECEIVED  
CENTRAL FAX CENTER  
OCT 24 2005

Suite 3000  
79 Wellington St. W.  
Box 270, TD Centre  
Toronto, Ontario  
M5K 1N2 Canada

TEL 416.865.0040  
FAX 416.865.7380

www.torys.com

100356

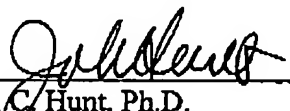
Date October 24, 2005 Client-Matter # 32388-2038  
From John C. Hunt, Ph.D. Direct Tel 416.865.8121  
Page(s) 11 (including this cover page)

| Recipient   | Fax Number     | Tel Number     |
|---|----------------|----------------|
| Mail Stop Amendment<br>Commissioner for Patents<br>United States Patent and<br>Trademark Office | 1.571.273.8300 | 1.703.308.1202 |

#### Comments

#### CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that the attached *Response to Office Action dated October 12, 2005* is being facsimile transmitted to the United States Patent and Trademark Office on the date shown below.

  
John C. Hunt, Ph.D.  
Registration No. 36424

October 24, 2005  
Date

If there are problems with this transmission, please call the FAX department at 416.865.7950.

This communication, and any information or material transmitted with this communication, is intended only for the use of the intended recipients and it may be privileged and confidential. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation, publication, dissemination, distribution, reproduction or other use of this communication, information or material is prohibited and may be illegal. If you received this communication in error, please notify us immediately by telephone or by return email, and delete the communication, information and material from any computer, disk drive, diskette or other storage device or media. Thank you.

**RECEIVED**  
CENTRAL FAX CENTER

OCT 24 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10

Application Number

10/734,149

Filing Date

12/16/2003

First Named Inventor

JULIUS

Art Unit

1644

Examiner Name

BELYAVSKIY, Michail A.

Attorney Docket Number

32389-2038

## ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)



Reply to Missing Parts/Incomplete Application



Reply to Missing Parts under 37 CFR 1.52 or 1.53



Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a Provisional Application



Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

After Allowance Communication to TC



Appeal Communication to Board of Appeals and Interferences



Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)



Proprietary Information



Status Letter



Other Enclosure(s) (please identify below):

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

TORYS LLP - Customer No. 33721

Signature

Printed name

John C. Hunt

Date

October 24, 2005

Reg. No.

36424

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

John C. Hunt

Date

October 24, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

OCT 24 2005

PTO/SB/17 (12-04/2)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

**Complete If Known**

Application Number 10/734,149

Filing Date 12/15/2003

First Named Inventor JULIUS

Examiner Name BELYAVSKIY

Art Unit 1644

Attorney Docket No. 32388-2038

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 502651 Deposit Account Name: TORYS LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)  
50Small Entity  
Fee (\$)  
25

Each independent claim over 3 (including Reissues)

200

100

Multiple dependent claims

360

180

Total Claims Extra Claims Fee (\$)

- 20 or HP = x =

Multiple Dependent Claims

Fee (\$)

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = x =

HP = highest number of total claims paid for, if greater than 20.

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

- 100 = / 50 = (round up to a whole number) x =

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge):

**SUBMITTED BY**

Signature

Registration No.  
(Attorney/Agent) 36424

Telephone 416.865.8121

Name (Print/Type) John C. Hurt

Date October 24, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

OCT 24 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/734,149  
Filing or 371(c) Date: December 15, 2003  
First Named Inventor: JULIUS  
Title: BOVINE LACTATION ASSOCIATED IMMUNOTROPIC  
PROTEIN (CD14), ENCODING GENE AND APPLICATION IN  
B CELL ACTIVATION  
Art Unit: 1644  
Examiner: Michail A. BELYAVSKYI, Ph.D.  
Atty's Docket No.: 32388-2038

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
U.S.A.

Dear Sir:

In response to the non-final action of October 12, 2005, please amend the above-identified application as follows:

**Amendments to the claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 and conclude on page 8 of this paper.